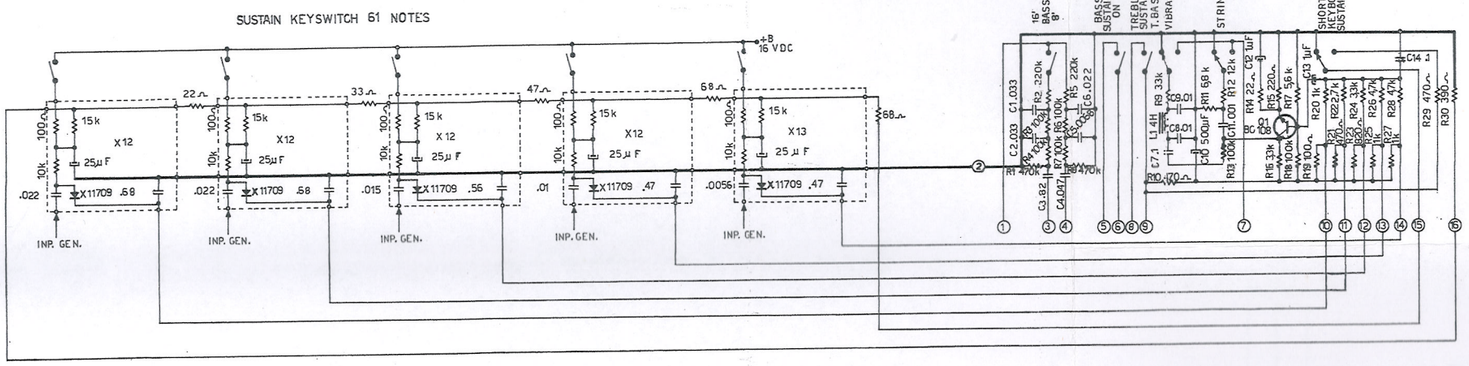

LET	REVISION	DATE	BY	CK

FINISH

MATERIAL

DO NOT SCALE DIMENSIONS

TOLERANCE:

DRN

CKED

DATE

SCALE

PAGE OF

GEM electronics MONDAINO (FO) ITALY

NAME
CHALLENGER DL + S.

SUPERSEDES ALL PRINTS PRIOR TO:

PART-DWG: REV.

ISSUED:

REF.

GEM

DIAPASON 16'
GEMSHT 8'
BOURDON 8'
OCTAVE 4'
BOURDON 16'
CELLO 16'
DIAPASON 16'
STRING 8'
OBOE 8'
FRENCH HORN 8'
TAMPET 8'
FLUTE 8'
CLARINET 8'
FLUTE 4'
OCTAVE 4'
SALICET 4'
QUINT 2⅔'
CYMBEL 2⅔'
FLUTE 2'
FIFTEENTH 2'
16'
8'
4'
2⅔'
2'
4k
PEDAL
HR n°12
FILTERS HR n°9
PERC. FILTERS HR n°6
DRAWBARS HR n°8
PERCUSSION HR n°6
PERC. VOLUME
PERC. COUPLER
TREMOLO
LEGATO
BASS COUPLER 8'
BASS COUPLER 4'
BASS COUPLER 2⅔
BASS COUPLER 2'
K = From KEYSWITCHES
To KEYSWITCHES
HR n°8
HR n°1
HR n°18
VIBRATO DELAY
VIBR. DEPTH
BRUSHES DRUMS
BRUSHES BASS
BASS DRUM
PRE-AMPLIFIER HR n°19
REVERB. on/off
PEDAL EXP.
SWELL LIGHT
BASS
REVERBERATION HR n°5
POWER SUPPLY
PILOT LIGHT 24V
TR 1 = MTJ00119
TR 2 = BC 119
TR 3 = BC 139
TR 4 = BC 108
TR 5 = SFT337

CHALLENGER de LUXE	
Design.	Hans V.
Drawn	RI
Date	10-10-69
Modified	RG

PEDAL

HR n°12

FILTERS HR n°9

PERC. FILTERS HR n°6

DRAWBARS HR n°19

PERCUSSION HR n°6

PERC. VOLUME

TREMOLO

LEGATO

SUSTAIN on/off

PEDAL SUSTAIN

HR n°8 SW

TR5

47 keys

To PEDAL BOARDS

E17

47×

FROM GEN.

HR 8SN

COUPLER BASS

BASS COUPLER 8'

BASS COUPLER 4'

BASS COUPLER 2 2/3

BASS COUPLER 2'

K = from KEYS WITCHES

To KEYSWITCHES

HR n° 1

REVERB. on/off

PRE-AMPLIFIER HR n°19

AMP.

REVERB. EXP.

SWELL LIGHT

BASS

VIBRATO HR n°8

VIBR. on/off

VIBR. DEPTH

VIB. SPEED

VIBRATO DELAY

HR n°18

BRUSHES DRUMS

BRUSHES BASS

BASS DRUM

POWER SUPPLY

MAINSWITCH

MAIN

FUSE 0,5 T

PILOT LIGHT 24 V

REVERBERATION HR n°5

TR 1 = MTJ 00 H9
TR 2 = BC 119
TR 3 = BC 139
TR 4 = BC 108
TR 5 = SFT 337

CHALLENGER de LUXE	
Design.	Marsh.
Drawn	Ri
Date	10-10-69
Modif.	